Applicant: Jun Koyama et al. Attorney's Docket No.: 12732-176001 / US6730/6731

Serial No.: 10/705,827

Filed: November 13, 2003

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Amendments to the Specification:

Please replace the abstract at page 45 with the following amended abstract:

ABSTRACT OF THE DISCLOSURE

In a display device using a time gradation method, electric power consumption at a time when high-level gradation display is unnecessary is reduced. Writing of a digital video signal of a lower order bit into a memory is eliminated by a memory controller of a signal control circuit in a display device; during a second display mode in which the number of gradations is reduced as compared to in a first display mode of high-level gradation. In addition, read out of the digital video signal of the lower order bit from the memory is also eliminated. The amount of information of a digital image signal inputted to a source signal line driver circuit is reduced. In accordance with such operation, a display controller functions to make start pulses and clock pulses inputted to the source signal line driver circuit have a lower frequency and to lower a driving voltage. When the gradation is reduced, a frame period in the second display mode may be set longer as compared to that in the first display mode, and therefore low electric power consumption is achieved.